



INSTALLATION INSTRUCTIONS

Floor | PINK® BATTS® POLYESTER INSULATION

Installation Instructions


Correct installation with no compression or gaps is critical to ensure Pink® Batts® Polyester underfloor insulation performance is not compromised.

Safety:

Each installation is unique, so prior to installation check for all hazards that may cause injury.

- Carry out repair work without delay
- Ensure there is adequate lighting to identify any hazards
- Treat all electrical cables as live
 - turn power off when working underfloor
 - ensure damaged, exposed or hanging cables are repaired immediately
 - be careful not to cut or expose cables and wires
 - when stapling insulation, leave a 50mm gap between staples and electrical cables
 - use labels to identify location of wires, pipes and cables for future reference

- Beware of other sharp objects (protruding nails, splinters etc.), pests (bees and wasps, animals and vermin).

 **Note:** Seek professional advice if you're unsure how best to isolate the hazard or have a professional installer carry out the work for you.

We recommend PinkFit® professional installers. PinkFit® is a nationwide network of professional installers who guarantee their completed installation will meet the requirements of NZS 4246:2016.

For your local PinkFit® installer call **0800 746 534** or visit pinkbatts.co.nz/installing-pink-batts/

Installation:

For your comfort while installing, it's recommended you wear:

- Loose fitting work clothes which cover the arms and legs
- Covered shoes
- Dust mask
- Safety glasses

For safety while installing, it's recommended you use:

- Cut resistant gloves (if knife is used)
- Knee pads

For an efficient installation, the following tools are recommended:

- Sharp knife with replaceable blades
- Torch
- Staple gun
- 12mm or greater galvanised or stainless steel staples
- Tape measure

Pre-work checklist

Before commencing installation ensure:

- **Mains power switch is off**
- All electrical wiring is clear of the intended stapling position
- Underfloor area has adequate working space and lighting
- No signs of water seepage beneath bathroom floors (and other wet areas). Repair damaged plumbing or sewer work where necessary
- All lighting or heating equipment needs to be clear of the insulation blanket so as not to cause overheating.
- Underfloor area is dry with adequate ventilation. If wet or damp install a polyethylene groundsheet (Moistop® Underlay)

Choosing the right product

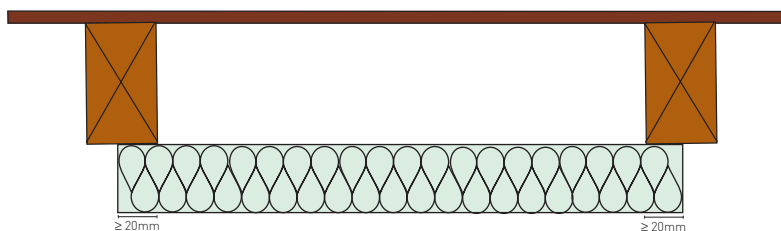
Distance in between the joists	Pink® Batts® Polyester 450mm	Pink® Batts® Polyester 510mm	Pink® Batts® Polyester 600mm
Less than 410mm	✓		
Between 410mm and 470mm		✓	
Between 470mm and 560mm			✓
Greater than 560mm			✓*

* Product should be installed lengthwise between joists and surplus trimmed

Instructions

A. Fitting detail

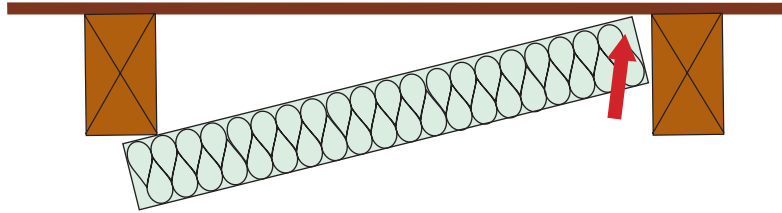
- Open the pack before entering underfloor area. The compressed product will expand.
- Begin installation from the furthest corner from the underfloor access point.
- Measure all the joist spacings under the floor
- The width of the blanket should be a minimum of 40mm greater than the gap between the joists to allow for a minimum fold-down of 20mm on each side



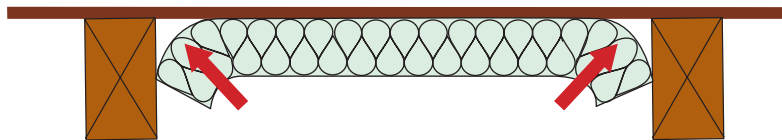
- If you need to adjust the dimensions of the blanket:
Length – tear across with your hands
Width – use a sharp knife

B. Fold detail

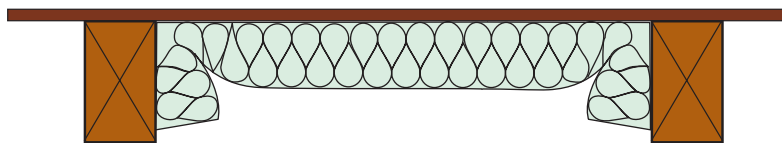
- Gently push the blanket up to the bottom of the floorboard, while still retaining its loft



- Capture a wedge of the blanket and place on the side of the joist for stapling and ensure the blanket sits hard up against the floorboard
- Ensure the top of the blanket comes into contact with the underside of the floor to prevent the possibility of convective air movement between the blanket and the floor



- Ensure the blanket is not stretched. Stretching will compromise its thermal performance



- Continue installing the blanket in the same manner between all floor joists until the entire underfloor is fully installed
- Ensure adjoining pieces are butted together and that there are no gaps between the blanket ends


C. Secure detail

- Staple each side of the blanket to the side of the floor joist, **approximately 50 - 80mm** below the underside of the floorboard. Staples shall be applied at **approximately 100-200mm intervals**.

NB: Do not staple directly to the underside of the floor as this will compress the blanket and reduce thermal performance.

- Do not overlap blanket pieces.
- At completion of the installation, check and repair any visible gaps or puckering and ensure all electrical wiring or cables have not been damaged.

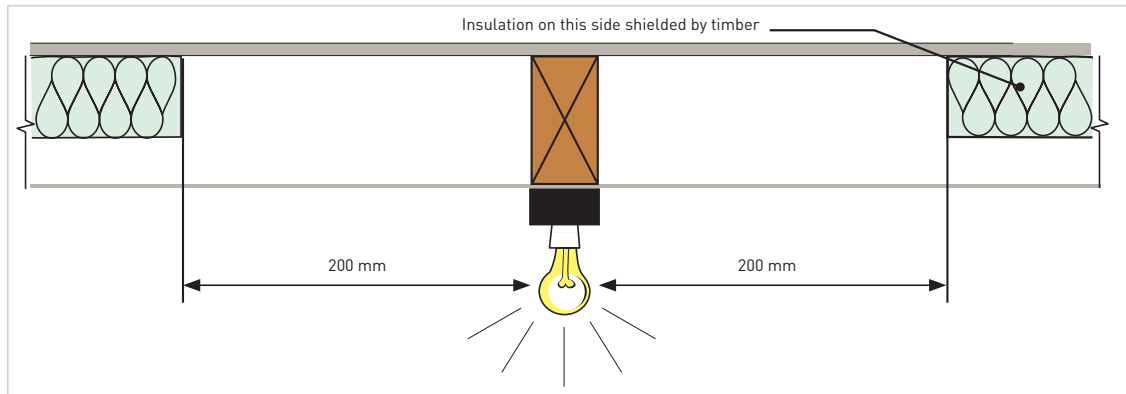
Pink® Batts® Polyester Underfloor can be used in exposed area.

 **Tip:** To verify Building Code Compliance, staple a product label at an easy to find location away from any hot items such as downlights or water cylinders. An alternative is to supply the information to the building owner or authorised person.

Clearances

Follow the clearances specified by the manufacturer; if they are not known then

- Surface Mounted Luminaire - Minimum clearance 200mm; however it does not apply if the insulation is permanently shielded.



- Controlgear - Minimum clearance of 50mm from the insulation to the controlgear.
- Built in appliance - Minimum 50mm.
- Enclosures containing electrical equipment - Minimum 50mm.
- Metal chimney and flues - Minimum 50mm.
- Brick chimney - Minimum 50mm.
- Plumbing - Approximately 100mm around all plumbing penetrations through the floor.

Refer to NZS 4246:2016 for further information related to the correct installation of insulation and clearances.

Product Guide

PRODUCT	PRODUCT CODE	SIZE (mm)	NOMINAL STABILISED THICKNESS (mm)	NOMINAL TOTAL AREA PER BALE (m ²)	APPROX. COVERAGE PER BALE (m ²)
Pink® Batts® Polyester R1.5 Underfloor 450mm	711897	11110 x 450	100	20.0	20.4
Pink® Batts® Polyester R1.5 Underfloor 510mm	711898	9804 x 510	100	20.0	20.4
Pink® Batts® Polyester R1.5 Underfloor 600mm	711899	11110 x 600	100	20.0	20.1

Storage and Maintenance

Pink® Batts® polyester insulation should be protected from damage and weather. Store under cover in clean dry conditions.

The installed product should remain dry at all times. If the product has become wet or damp, the source of the dampness (e.g. leaks) should be repaired immediately and any wet or damp insulation should be removed and replaced with new product of an equivalent R-value

Accreditations/Appraisals/Certifications



Declare.



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